

ABSTRACT OF THE DISCLOSURE:

C2 A tool adapted for changing the direction of drilling during drilling. The drilling equipment used in the drilling includes a drill string, a bent sub, a drill motor, and a drill bit. The tool is positioned between the drill string and the bent sub, includes housing elements connected to one another, and has a passage for drilling fluid. The tool can be activated for rotation of the bent sub, so that the direction of drilling is changed in an infinitely variable manner. The tool includes a valve adapted for choking the passage so that the tool can be activated for rotation, a piston adapted for forced guiding of the rotation. The guides can be formed by twisted splines formed in the wall of the passage and in the wall of the opposite piston.